



VI International Conference on Advances in Biosciences & Biotechnology (ICABB- 2023)

: THEME :
Innovative
Advancements in
Biotechnology
& Bioinformatics



JIIT Noida, India



18-20 January
2023

ABOUT JIIT

Jaypee Institute of Information Technology, Noida was established in the year 2001 and has been declared as a "Deemed to be University" under Section 3 of UGC Act 1956 in the year 2004. JIIT has been accredited and approved by AICTE, NIRF, MHRD and has continued to become a centre of excellence in emerging areas of science and technology.

ABOUT THE DEPARTMENT

The Department of Biotechnology at JIIT, NOIDA, established in 2002, remains committed to provide innovative research-informed teaching and learning, and vibrant R & D environment. Faculty with rich research exposure in academia and industry both in India and abroad contributes to the department academic core.

ABOUT THE CONFERENCE

After successfully organizing 5 previous editions, we are glad to introduce the VIth ICABB conference. This conference provides a stage to budding researchers to showcase their exciting ideas, as well as, provides a platform for globally acclaimed scientists to discuss their findings and the future of the industry. Promoting and encouraging dialogue on all kinds of relevant scientific ideas and research is the key pillar of this conference. Therefore, annually we get numerous participants from all over the world who give fascinating poster and research presentations across a wide array of topics within Biotechnology and Bioinformatics. However, the ever evolving nature of Biotechnology and Bioinformatics has resulted in an exponential increase in industry-wide innovation and advent of novel technologies. This has particularly been evident in the last couple of years which saw a boom in number of ongoing research projects and a considerable increase in their funding. Whether it has been the expedited development of mRNA vaccines or the breakthroughs in the domain of biosensors, the pace and degree of innovation has been at an unprecedented level. Thus, the theme for this year's conference is 'Innovative advancements in Biotechnology and Bioinformatics'.



International Advisory Committee

1. Dr. Simona Maria Monti, Institute of Biostructures and Bioimaging (IBB), Italy
2. Prof. Serena Zacchigna, ICGEB, ITALY
3. Dr, Suneet Shukla, Boehringer Ingelheim, USA
4. Dr. Jayadev Raju, Health Canada, USA
5. Dr. Jayanto Routh, Linkoping University, Sweden
6. Prof. Ranjana Bird, University of Northern British Columbia
7. Himanshu Saxena, Starwood Energy Group Global LLC, USA
8. Dr Christophe Grosset, Bordeaux Institute of Oncology, France
9. Dr. Chandra Bhushan Mishra, Baylor College of Medicine, USA
10. Santhosh Kumar Kuttan Pillai, Durban University of Technology

National Advisory Committee

1. Prof. PK Yadava, JNU
2. Dr. Manoj Upreti, Indian Oil Corporation Limited, Faridabad
3. Dr. Gulshan Wadhwa, DBT, New Delhi
4. Dr. Manishi Mukesh, ICAR, NBAGR,
5. Mr. Ashish Dubey, Redcliffe Genetics
6. Prof. Pawan Dhar, SBT, JNU
7. Dr K C Gupta, IGIB, DU
8. Prof. Anil Kumar, RLBCA Univ.
9. Prof. Dinesh Gupta, ICGEB, India
10. Prof. Jahid Ashraf, Jamia Millia Islamia, New Delhi
11. Prof. Debasisa Mohanty, NII, New Delhi
12. Prof. Amit Kumar Dinda, AIIMS, New Delhi
13. Dr. Maulin P. Shah, Enviro Technology Ltd, Gujarat
14. Prof. Shyamal K Goswami, JNU, New Delhi
15. Dr. Pranjal Chandra, IIT, BHU

:Chief Patron:

Prof. S. C .Saxena, Pro-chancellor, IIIT, Noida

:Patron:

Prof. Y.R Sood, Vice Chancellor, IIIT, Noida

:Conference Chair Person:

Prof. Pammi Gauba, HOD, Department of Biotechnology,
IIIT, Noida

:Conveners:

Prof. Vibha Rani, Department of Biotechnology, IIIT, Noida

Dr. Chakresh Jain, Department of Biotechnology, IIIT,
Noida



Session Themes

SESSION I: Computational Biology and Applications

Synthetic Biology/Omics
Molecular Docking
Molecular Modelling/Simulation
Chemo Informatics
Drug Designing Systems Biology
Next Generation Sequencing
Personalized Medicine

SESSION II: Medical and Microbial Biotechnology

Host- Pathogen Interactions Genetic Disorders
Life Style Disorders Diagnostics and Treatment
Stem Cells Therapy
Translational Medicines
Vaccines and Antibiotics
Nanomaterials Diagnostics
Biosensors
Nano-Formulations
Targeted Drug Delivery Nano-Remediation

SESSION III: Food, Agriculture and Natural Products

Bio-Fertilizers and Bio-Pesticides
Food Biotechnology
Plant Biotechnology
Animal Husbandry
Natural Products

SESSION IV: Environmental and Industrial Biotechnology

Environmental Biotechnology Enzyme Technology
Bioremediation Bio Resources Bio Fuels
Product Development
Innovative Products in Biotechnology

SESSION V: Innovative Advancements in Biotechnology

Panel Discussion with Funding agencies, Entrepreneurs, Angel investors



Benefits of Attending ICABB -23



- A fabulous opportunity to interact with fellow academics,
- An opportunity to see aspects of one of the fastest growing economies,
- Academics will be able to enhance their research skills and new research areas.
- A chance to present your paper and have it appraised and discussed by fellow academics
- The papers accepted for presentations at the conference will be further evaluated for possible submission to the journals collaborating with our conference.

Important Dates

1. Deadline for Registration	:	October 1, 2022
2. Deadline for submitting abstract	:	October 15, 2022
3. Notification of Acceptance	:	October 30, 2022
4. Request for full length	:	Two weeks after Submission
5. Conference dates	:	January 18-21, 2023

Persons to be Contacted:

 **Prof. Vibha Rani**
 vibha.rani@jiit.ac.in

 **Dr. Chakresh Jain**
 Chakresh.jain@jiit.ac.in

